Sl No	Item Name	Unit
1	SWIMMING POOL Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specification with all lead and lift and directions of the Engineer-In-charge of the work	Cum
2	Providing sand piles with all leads and lift of 1.5 m. for stabilising foundation after duly making 5 cms. dia holes to a depth of 1.2 to 1.5 m. at 0.5 m c to c and filling with sand and tamping wherever required including cost of materials, labour complete as per specifications(.sand and 10% cement)with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
3	Providing and Spreading of Sand with all lead and lift and directions of the Engineer-In-charge of the work	Cum
4	Filling available excavated earth (excluding rock) insides of foundations upto plinth in layers not exceeding 20cms. In depth, compacting each deposited layer by ramming after watering with a lead upto 50m. And lift upto 1.5m including cost of all labour complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Cum
5	Transportation of excavated earth by mechanical means including loading and unloading with a lead of 20 kmtr and dispersing the same as directed.with all lead and lift and directions of the Engineer-In-charge of the work- Qty upto 125%	Cum
	.-do- Qty above 125%	
6	Providing and filling in foundation with granite / trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specification. with all lead and lift and directions of the Engineer-In-charge of the work	Cum
	.-do- Qty above 125%	
7	Providing and laying in position Plain Cement Concrete of mix 1:3:6 with OPC cement @ 220kgs ,with 40mm and down size graded granite metal coarse aggregates @ 0 .892 cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials,labour, HOM of machinery ,curing complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Cum
8	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixedf concrete for RCC works laid in 15 cms thick layers and well compated including vibrating, curing,etc., with all lead and lifts etc complete(excluisive of cost of steel and fabrication charges) Ready Mixed Cement Concrete for Beams, Staircase and Roof with M-25(for Side Walls and Bottom)with all lead and lift and directions of the Engineer-In-charge of the work	Cum
9	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as Walls at any thickness, incluidng attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specfiications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
10	Providing Ceramic tiles of approved make shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications.of size 30 x 30 cms 6mm thickwith all lead and lift and directions of the Engineer-In-charge of the work	Sqm
11	Providing and fixing Stainless steel 304 grade for staircase railings, balconies, ramps with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00	190.24	125.00	23780.00	190.24	23780.00	
	0.00		150.00	0.00	0.00	0.00	
72.59	145176.00		2000.00	0.00	72.59	145176.00	
	0.00		50.00	0.00	0.00	0.00	
2893.80	347256.00		120.00	0.00	2893.80	347256.00	
290.60	34814.00		119.80	0.00	290.60	34814.00	
491.25	982500.00		2000.00	0.00	491.25	982500.00	
473.50	1059854.00		2238.34	0.00	473.50	1059854.00	
238.19	1190933.00	30.37	5000.00	151850/- 151860.00	268.56	1342793.00 1342783/-	
937.58	6563029.00		7000.00	0.00	937.58	6563029.00	
597.12	208992.00		350.00	0.00	597.12	208992.00	
	0.00		110.00	0.00	0.00	0.00	
	0.00		7000.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
12	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as eper spec ifications and Extra for providing and mixing Waterproofing compound in cement plaster work at one kg per bag or in the proportion recomended by the manufacturers, for cement mortar 1:3, 12mm thick cost of materials complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
13	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M-20 for RCC Works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing main and secondary beams with all lead and lifts etc. compelte (exclusive of cost of steel and fabrication charges)with all lead and lift and directions of the Engineer-In-charge of the work	Cum
14	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 500with all lead and lift and directions of the Engineer-In-charge of the work	Tonne
15	Providing pre cast urocon tiles, red colour for footpath 20mm thickusing marble chips at 7-10 nominalsize laid on bed CM 1:3 mix & jointd with red oxide cement slurry mixed pigment to match the shade of tiles, rubbing polishing , oxalicacid was, wax polish including cost of all materials and labour with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
16	Providing and constructing precast concrete Solid Blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quion, jamb, closer blocks) with Solid Concrete Blocks of size 40x20x20cms confirming to I.S 2185/1965 in Superstructure including cost of all materials, labour charges, scaffolding, curing complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
17	Providing and laying Pre-Cast Slab using 20mm and downsize graded course aggregate stone using clean sieved approved sand including cost and conveyance of all materials, all lead and lift, labour charges of machinery etc., complete 10 cm thick as directed by Engineer in Charge CC 1:1.5:3 (Inclusive of cost of steel and fabrication charges) with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
18	GALLERY Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hardsoil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specification with all lead and lift and directions of the Engineer-In-charge of the work	Cum
19	Providing sand piles with all leads and lift of 1.5 m. for stabilising foundation after duly making 5 cms. dia holes to a depth of 1.2 to 1.5 m. at 0.5 m c to c and filling with sand and tamping wherever required including cost of materials, labour complete as per specifications(.sand and 10% cement)with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
20	Providing and Spreading of Sand with all lead and lift and directions of the Engineer-In-charge of the work	Cum
21	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification.with all lead and lift and directions of the Engineer-In-charge of the work	Cum
22	Transportation of excavated earth by mechanical means including loading and unloading with a lead of 20 kmtr and dispersing the same as directed.with all lead and lift and directions of the Engineer-In-charge of the work	Cum
23	Providing and laying in position Plain Cement Concrete of mix 1:3:6 with OPC cement @ 220kgs ,with 40mm and down size graded granite metal coarse aggregates @ 0 .892 cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials,labour, HOM of machinery ,curing complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	Cum

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00	1709.60	300.00	512880.00	1709.60	512880.00	
	0.00		7000.00	0.00	0.00	0.00	
110.22	8817888.00	24.01	80000.00	1920952.00	134.24	10738840.00	
	0.00		1250.00	0.00	0.00	0.00	
	0.00	146.56	1000.00	146559.00	146.56	146559.00	
	0.00		1500.00	0.00	0.00	0.00	
	0.00		125.00	0.00	0.00	0.00	
	0.00		150.00	0.00	0.00	0.00	
8.80	17600.00		2000.00	0.00	8.80	17600.00	
	0.00		50.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
24	Providing and constructing granite / trap / basalt Size Stone Masonry in foundation with cement mortar 1:6 stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specificationswith all lead and lift and directions of the Engineer-In-charge of the work	Cum
25	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M-20 for RCC Works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing main and secondary beams with all lead and lifts etc. compelte (exclusive of cost of steel and fabrication charges) with all lead and lift and directions of the Engineer-In-charge of the work	Cum
26	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, Footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications and with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
27	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.	Sqm
28	Providing and removing Centering, shuttering, strutting, propping etc.,and removal of from work for vertical surface such as walls at any thickness including attched plasters, butresses, plinth cills and string courses cost of all materials, labour complete as per specification with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
29	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressuemers and lintles exceeding 1 m in depth incluidng cost of all materials, labour complete as per specifications. with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
30	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs landings balconies and likes thickness upto 200 mm including cost of all materials labour complete as per specifications upto 3.50m from Ground level with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
31	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregares of ready mixef concrete for RCC works laid in 15 cms thick layers and well compated including vibrating, curing,etc., with all lead and lifts etc complete(exclusive of cost of steel and fabrication charges) Ready Mixed Cement Concrete for Beams, Staircase and Roof with M-25(for Staircase) with all lead and lift and directions of the Engineer-In-charge of the work	Cum
32	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specifications.(Gallery and Staircase) with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
33	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 500 with all lead and lift and directions of the Engineer-In-charge of the work	Tonne
34	Providing and constructing precast concrete Solid Blocks with compressive strength not less than 3.5 Newton per sqmm with cement mortar 1:4 masonry (quion, jamb, closer blocks) with Solid Concrete Blocks of size 4.0x20x20 cms confirming to I.S 2185/1965 in Superstructure including cost of all materials, labour charges, scaffolding, curing complete as per specifications. with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
35	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.For Outside Plastering with all lead and lift and directions of the Engineer-In-charge of the work	Sqm

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		1000.00	0.00	0.00	0.00	
	0.00		7000.00	0.00	0.00	0.00	
	0.00		350.00	0.00	0.00	0.00	
375.20	131320.00		350.00	0.00	375.20	131320.00	
33.00	11550.00		350.00	0.00	33.00	11550.00	
	0.00	906.71	350.00	317348.00	906.71	317348.00	
	0.00		350.00	0.00	0.00	0.00	
56.70	396900.00	238.51	7000.00	1669602.00 1669570/-	295.21	2066502.00 2066470/-	
	0.00		400.00	0.00	0.00	0.00	
	0.00	43.16	80000.00	3452943.00 3452800/-	43.16	3452943.00 3452800/-	
	0.00		950.00	0.00	0.00	0.00	
	0.00	573.10	250.00	143274.00	573.10	143274.00	

Sl No	Item Name	Unit
36	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering. : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge Providing lime rendering for plastering to wall and ceiling including cost of mate3rials labour curing complete as per specifications Internal wall platering with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
37	Providing and laying M-15 cement concrete flooring, 60mm thick with metallic concrete hardner topping under layer of 45mm thick M-15 cement concrete using broken granite metal of 20mm and down size, and top layer 15mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt), including finishing cost of materials, labour, curing complete as per specifications. with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
38	Providing and laying Flooring using pre polished water cut/gang saw 19mm thick grey granite laid over bed of 20mm thick 1:4 cm and jointed with neat cement slutty mixed with pigment to match shade of granite slabs including laying POP on finished surfaqce and cleaning the surface including the cost of all m,aterials and laboutsd etc. complete as per specifications. with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
39	Providing and laying Hassan Green Granite flooring for Staircase, treads and rises using pre polished 20mm thick water cut green Granite Slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing, cutting 3 lline grooves not more than 2mm wide for antiskidding, curing etc., complete. with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
40	Providing Ceramic tiles of approved make shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications.of size 30 x 30 cms 6mm thick with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
41	Providing Skirting, Dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over roughj plaster surface (excluding cost of rough plastered surface which should be measured and paid separetely) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. 15x15 cms 6mm thick with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
42	Providing and fixing Stainless steel 304 grade for staircase railings, balconies, ramps with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications. with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
43	Fabricating, supplying & erecting M.S. angular Truss of all spans as per approved designs and drawing. The entire truss is anchored suitably by using 4 nos of of M.S. anchor bolts at each support, with base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification with all lead and lift and directions of the Engineer-In-charge of the work	Kgs
44	Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses. with all lead and lift and directions of the Engineer-In-charge of the work	Sqm

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00	266.63	250.00	66658.00	266.63	66658.00	
	0.00		500.00	0.00	0.00	0.00	
	0.00		2500.00	0.00	0.00	0.00	
	0.00		3000.00	0.00	0.00	0.00	
	0.00		1200.00	0.00	0.00	0.00	
	0.00		1200.00	0.00	0.00	0.00	
	0.00		4995.67	0.00	0.00	0.00	
	0.00	1542.34	125.00	192793.00	1542.34	192793.00	
	0.00	216.00	850.00	183600.00	216.00	183600.00	

Sl No	Item Name	Unit
45	Providing ACE paint to external walls of approved colour and shade over prime's coat.after brooming & cleaning the surface and applying two coats of ACE paint with cost of all material,labour,lead lift with loading unloading etc.complete as per direction of Engineer in charge of work. with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
46	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost oif labour and scaffolding etc complete as per the specifications with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
47	Providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge.with primer with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
48	SOLID PVC DOOR FRAME Providing and fixing factory made PVC Door Frame of size 50x47mm with a wall thikness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners and jointed 2 Nos of 150mm long brackets of 15x15mm M.s.Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 guage. The door frame to be fixed to the wall using M.S.Screws of 65/80mm size complete as per manufacturers specification and direction of Engineer in charge.	Sqm
49	SOLID PANEL PRELAM PVC DOOR SHUTTER Providing and fixing 30mm thick factory made rigid foam with both side prelampanelled Door Shutters made from M.S tube of 19x19mm, 19 gauge for styles and 15x15mm for top and bottom rails, covered with heat moulded prelaminated PVC C Channel of 5mmthick sheet and 30x50mm wide to form styles and 5mm thick and 75mm wide prelaminated PVC sheets for top rail, lock rail and bottom rail on either side and 6mm thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, Panelling of 5mm thick PVC Sheet Prelaminated one ither side fitted int he M.S.Frame, Sealed tot he styles and rails with PVC Designer beading on either side and joined together with solvent cement adhesive etc., complete as per manufacturers specification and direction of Engineer-in-charge fixed to grames with 3 nos of 75mm Aluminium hinges with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
50	Providing fabricating, assembling and fixing in position Alluminium door using following Alluminium mat finish or glossy finish anodized sections.Outer Frame: Plain section:101.60mm x44.45mmx3.18mm, Section weight 2.404 kg/m, Door Shutter: Vertical section: 44.62mmx44.45mm thickness 3.18mm, section wifht 1.505 kg/m thicknessTop section: 47.62mmx44.45mmthickness 3.00mm section weight 1.426 kg/m Centre section:25.00mmx44.45mm thickness 3.18mm section wight 2.64 kg/m,Bottom section:114.3mmx44.45mmx3.18mmDoor central section 49.91x44.45mm thickness 3.00mm, section weight 1.495kg/m glazing clips 19x17.3x11mm thickness 0.9mm section weight 0.124kg/m;Door central section 49.91x44.45mm thickness 3.00mm, section weight 1.495kg/m glazing clips 19x17.3x11mm thickness 0.9mm section wight 0.124kg/m;aluminium sections anodized 12 to 15 microns cut to length joint metered corners grinded, the shutters pivoted opening arrangement with heavy duty aluminium alloy automatic door closures floor mounted, providing and fixing standard approved accessories, such as aluminium handles for full width or length, tower bolts, lock, pivots: O.v.C or rubber gasket with 5.5 m thick plain glass for top and bottompanel; aluminium secitons treated for removal of any rust and prevention of further rust formation, and	Sqm
51	Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame of size 61.85x31.75mm, with 1.2mm thick bottom secion weight 0.695kg/m; sides and top sections 1.3mm, thick, weight 0.659 kg/m shutter frame section comprising top and bottom section of size 40mmx18mm, wall thicikness 1.25mm, weight 0.417 kg/m shutter side outer 40mmx18mm wall thickness 1.25mm weight 0.417 kg/m shutter side outer 40mmx26.7mm wall thickness 1. 1mm weight 0.469 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1mm thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc; providing and fixing 5.5mm thick plain glass for shutters fitted with rubber beading all aluminium secitons anodised 12 to 15 microns thick including cutting to reuired length, joints mitred subdividing the frame tenonned and rivetted, in the asembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessay steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement	Sqm

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		160.00	0.00	0.00	0.00	
	0.00		35.00	0.00	0.00	0.00	
	0.00		110.00	0.00	0.00	0.00	
	0.00		660.00	0.00	0.00	0.00	
	0.00		3000.00	0.00	0.00	0.00	
	0.00		5500.00	0.00	0.00	0.00	
	0.00		4200.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
52	BALANCING TANK Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. with all lead and lift and directions of the Engineer-In-charge of the work	Cum
53	Providing and filling in foundation with granite / trap borken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specification. with all lead and lift and directions of the Engineer-In-charge of the work	Cum
54	Providing and laying in position Plain Cement Concrete of mix 1:3:6 with OPC cement @ 220kgs ,with 40mm and down size graded granite metal coarse aggregates @ 0 .892 cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials,labour, HOM of machinery ,curing complete as per specifications. with all lead and lift and directions of the Engineer-In-charge of the work	Cum
55	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M-20 for RCC Works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing main and secondary beams with all lead and lifts etc. compelte (exclusive of cost of steel and fabrication charges) with all lead and lift and directions of the Engineer-In-charge of the work	Cum
56	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregares of ready mixef concrete for RCC works laid in 15 cms thick layers and well compated including vibrating, curing,etc., with all lead and lifts etc complete(excluisive of cost of steel and fabrication charges) Ready Mixed Cement Concrete for Beams, Staircase and Roof with M-25 with all lead and lift and direcions of the Engineer-In-charge of the work	Cum
57	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thicknes including cost of all materials, labour complete as per specifications and direction of the Engineer in charge.	Sqm
58	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs landings balconies and likes thickness upto 200 mm including cost of all materials labour complete as per specifications for heights more than 3.50m from Ground level - 0 to 7 mts with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
59	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. TMT Bars Fe 500 with all lead and lift and directions of the Engineer-In-charge of the work	Tonne
60	Providing 12mm thick cement plaster in single coat with cement mortar 1:3 to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials,labour, curing complete as per specifications. Extra for providing and mixing waterproofing compound in cement plaster work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:3 12mm thick cost of materials complete as per specifications. with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
61	G .I.PIPE 100mm Dia with all lead and lift and directions of the Engineer-In-charge of the work	No
62	Providing and fixing C.I.Manhole cover with frame 10 x 455mm size (38 Kgs) with all lead and lift and directions of the Engineer-In-charge of the work	No
63	Providing 20mm square M.S.Footrest and fixing in manhole with 1:3:6 cement concrete block of 20x20x10cms using 20mm and down size metal of size inlcuding cost of materials, labour charges, curing complete as per specifications. with all lead and lift and directions of the Engineer-In-charge of the work	No
64	Providing and fixing to wall, ceiling and floor, low density polyethylene pipes 6.00 kgf/s.cm working pressure 160mm outside diameter, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM of equipments and testing, excluding cost of fittings, complete as per specifications. (2 runs) with all lead and lift and directions of the Engineer-In-charge of the work	Mtrs

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		125.00	0.00	0.00	0.00	
	0.00		1800.00	0.00	0.00	0.00	
	0.00		5300.00	0.00	0.00	0.00	
	0.00		7000.00	0.00	0.00	0.00	
	0.00		7000.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	
	0.00		350.00	0.00	0.00	0.00	
	0.00	3.84	80000.00	306861.00 307200/-	3.84	306861.00 307200/-	
	0.00		250.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		3000.00	0.00	0.00	0.00	
	0.00		350.00	0.00	0.00	0.00	
	0.00		700.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
65	FILTRATION ROOM EARTH WORK Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. with all lead and lift and directions of the Engineer-In-charge of the work	Cum
66	Filling available excavated earth (excluding rock) insides of foundations upto plinth in layers not exceeding 20cms. In depth, compacting each deposited layer by ramming after watering with a lead upto 50m. And lift upto 1.5m including cost of all labour complete as per specifications. with all lead and lift and directions of the Engineer-In-charge of the work	Cum
67	Providing and filling in foundation with granite / trap borken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specification.with all lead and lift and directions of the Engineer-In-charge of the work	Cum
68	Providing and laying in position Plain Cement Concrete of mix 1:3:6 with OPC cement @ 220kgs ,with 40mm and down size graded granite metal coarse aggregates @ 0 .892 cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials,labour, HOM of machinery ,curing complete as per specifications. with all lead and lift and directions of the Engineer-In-charge of the work	Cum
69	Providing and constructing granite / trap / basalt Size Stone Masonry in cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of maerials, labour, curing with all lead and lifts, hire charges of machinaries, loading, unloading, levelling as per specification and direction of the Engineer-In-charge	Cum
70	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cms thick layers and well compated including vibrating, curing,etc., with all lead and lifts etc complete(excluisive of cost of steel and fabrication charges) Ready Mixed Cement Concrete for Beams, Staircase and Roof with M-25 with all lead and lift and directions of the Engineer-In-charge of the work	Cum
71	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, Footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications and direction of the Engineer in charge.	Smt
72	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.	Sqm
73	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
74	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons. with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
75	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons. with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
76	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. -do- for TMT BarsFe 500 with all lead and lift and directions of the Engineer-In-charge of the work	Tonne

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		125.00	0.00	0.00	0.00	
	0.00		50.00	0.00	0.00	0.00	
	0.00	28.54	120.00	3424.00	28.54	3424.00	
	0.00		5000.00	0.00	0.00	0.00	
	0.00		4000.00	0.00	0.00	0.00	
	0.00		7000.00	0.00	0.00	0.00	
	0.00		350.00	0.00	0.00	0.00	
	0.00		350.00	0.00	0.00	0.00	
	0.00		350.00	0.00	0.00	0.00	
	0.00		350.00	0.00	0.00	0.00	
	0.00		350.00	0.00	0.00	0.00	
	0.00		80000.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
77	Providing and constructing precast concrete Solid Blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quion, jamb, closer blocks) with Solid Concrete Blocks of size 40x20x20cms confirming to I.S 2185/1965 in Superstructure including cost of all materials, labour charges, scaffolding, curing complete as per specifications. with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
78	Providing and fixing pull and push type rolling shutter of approved ake out of 19 guage,75mm wide cold rolled steel laths of conves corrgation, with side guides and bottom rail, with interlaocking arrangements for steel laths by means of alternate clips suspension shaft whith high tension coil type spring two number ,mounted on specialy desigend pipe shaft,with bracket two plastes ,guide channels, ball bearning arrangement for inside & out side locking with pus & pull operation complete including pulling hooks,4 nos .Handles with all fitting and accessores, painted with a coat of red paint (withouttop cover) cost of materials,labour,HOM of machinery complete as per specification with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
79	Providing and fixing in position in cement concrete 1:3:6 steel glazed Windows and ventilator side ventilators side hung/top hung 2/3 openable 1/3 fixed as per approvd drawing using Z angles of 25x33x3mm weighing 1.410 kg/m both or outer and innrr frames and central mullion section of size 25x46x3m weighing 2.28kg/m all duty providing T section 19x19x3mm weight 0.838 kg/m al duty providing T section that 34cms c to c including providing and fixing 4mm thick reded glass wirh teakwood beading or required size all steel section should confirm to IS 7452:1990,4 n os of holdfast of approved size ;section should be cut to length welded and grinded electrcally subdiiding frames of unit shll be tenonnd; and revetted into the frames electrciallly,:all the steel surface shall be throughly cleaned free; of r;ust and paintes with one coat of anti-corrosive paint and finishing two coats or ready mix paint of approved colours and make including cost of materils,fixtures labour chargs and HOM of machinery complete as per specification with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
80	Providing 15mm thick cement plaster in single coat with cement mortar 1:4, to internal wall including rounding off corners wherever required smooth rendering,, Providing and removing scaffolding, including cost of materials, labour, lead, lift, curing complete as per specifications and direction of the Engineer in charge Providing Lime rendering for Plastering to Ceiling including cost of materials, labour, curing complete as per specification. with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
81	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.for Outside with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
82	Ptoviding and laying flooring 40mm thick with an under layer of 30mm thick 1:2:4 cement concerte ,using broken granite metal of 12.5mm nominal size and top layer of 10mm thick plaster with cement mortar 1:3 finished with floating coat of neat cement, including cost of materials,labour, curing, complete as per specification with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
83	Providing ACE paint to external walls of approved colour and shade over prime's coat.after brooming & cleaning the surface and applying two coats of ACE paint with cost of all material,labour,lead lift with loading unloading etc.complete as per direction of Engineer in charge of work. with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
84	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost oif labour and scaffolding etc complete as per the specifications with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
85	Providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge. Extra for Painting Two coats with plastic emulsion paint of approved bra and / or sloping roof as per specifications. with all lead and lift and directions of the Engineer-In-charge of the work	Sqm

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		950.00	0.00	0.00	0.00	
	0.00		3000.00	0.00	0.00	0.00	
	0.00		3500.00	0.00	0.00	0.00	
	0.00		250.00	0.00	0.00	0.00	
	0.00		250.00	0.00	0.00	0.00	
	0.00		520.00	0.00	0.00	0.00	
	0.00		180.00	0.00	0.00	0.00	
	0.00		50.00	0.00	0.00	0.00	
	0.00		80.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
86	Providing and appying Enamel metal paint two coats (excluding priming coat) over new steel or other matel surface brushing to given an even shade after cleaning oil,grease,dirt and other forgien matter including cost of materials , labour,complateas per specification, with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
87	Fabricating, supplying & erecting M.S. angular Truss of all spans as per approved designs and drawing. The entire truss is anchored suitably by using 4 nos of of M.S. anchor bolts at each support, with base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification with all lead and lift and directions of the Engineer-In-charge of the work	Kgs
88	Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses. with all lead and lift and directions of the Engineer-In-charge of the work	Sqm
89	BOREWELL Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging technical personal and labour required etc., as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	Each
90	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work 0 to 50 m	Rmtr
91	50 to 100 m	Rmtr
92	100 to 150 m	Rmtr
93	150 to 200 m	Rmtr
94	200 to 250 m	Rmtr
95	250 to 300 m	Rmtr
96	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) as per corragandam as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	Rmtr
97	Providing 250mm dia PVC Pipe 6kg/cm as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	Rmtr
98	Providing and fixing 175mm Borewell Cap as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		80.00	0.00	0.00	0.00	
	0.00		125.00	0.00	0.00	0.00	
	0.00		850.00	0.00	0.00	0.00	
	0.00		3000.00	0.00	0.00	0.00	
	0.00		350.00	0.00	0.00	0.00	
	0.00		400.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	
	0.00		700.00	0.00	0.00	0.00	
	0.00		800.00	0.00	0.00	0.00	
	0.00		900.00	0.00	0.00	0.00	
	0.00		2000.00	0.00	0.00	0.00	
	0.00		3500.00	0.00	0.00	0.00	
	0.00		300.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
99	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by meaans of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 10.00 HP 20 stage. as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No
100	Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008. 50 mm dia including Collar Heavy Class as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	Mtr
101	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 46/ I No. 30-B 4.0 Sqm mm of 36 strands 0.3mm dia Group - (1x3x4.00 Sqmm PVC cable) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	Mtr
102	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap. Cable clips with bolts, nuts, valves guages etc., involoved in the job (Necessary GI pipe and specials with be supplied by the board at the site free of cost) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No
103	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No
104	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class.as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	Mtr
105	Labour charges for laying of 1.1 K.V class UG cable as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	Mtr
106	Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground level and consolidating etc., complete as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	Mtr
107	Supplying and fixing of Class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	Mtr
108	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No
109	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia,as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		60000.00	0.00	0.00	0.00	
	0.00		600.00	0.00	0.00	0.00	
	0.00		150.00	0.00	0.00	0.00	
	0.00		3500.00	0.00	0.00	0.00	
	0.00		2000.00	0.00	0.00	0.00	
	0.00		285.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		80.00	0.00	0.00	0.00	
	0.00		300.00	0.00	0.00	0.00	
	0.00		250.00	0.00	0.00	0.00	
	0.00		2000.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
110	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No
111	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No
112	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No
113	Supplying and fixing 50mm dia GI X nipple with ISI mark as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No
114	Supplying shunt capaitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvement of rotating machinery, Capacitor in KVAR rating Nos. 2KVAR capacity with all lead and lift =, loading, unloading and labour charges etc complete as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No
115	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 30 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	No
116	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.35 as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	Sqm
117	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. 15HP to 30 HP Star Delta Starter as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	Each
118	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical condults either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. as per Specification and direction with all lead and lift etc.., complete asper the directions of the Engineer-In-charge of the work	Cum
119	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and including lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the excecavation Etc., as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work 75mm	Rmtr
120	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and including lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the excecavation Etc., as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work 65mm	Rmtr
121	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50mm, and lift upto 1.5m, including cost of all labour complete as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	Cum

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		100.00	0.00	0.00	0.00	
	0.00		1200.00	0.00	0.00	0.00	
	0.00		200.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		350.00	0.00	0.00	0.00	
	0.00		1000.00	0.00	0.00	0.00	
	0.00		0.33	0.00	0.00	0.00	
	0.00		10000.00	0.00	0.00	0.00	
	0.00		220.00	0.00	0.00	0.00	
	0.00		130.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
122	KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments ,with all leads complete as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	Each
123	FILTRATION EQUIPMENT Supply, installtion, testing and commissioning of filters Commercial Bobin wound filter with 160mm fiange connection - 157 cumtr/hr Filtration velocity 50m3/SEC. Speed 245m3/Hour Make: 2000 mm DIA/CERTIKIN / Aqua LIX (U.K) directions of the Engineer-In-charge of the work	NO
124	Supply, installtion, testing and commissioning of VALVE BATTERY Frontal Valve Assembly 160 mm connections with Valve support and Brackets Filtration velocity 50m3/SEC. Speed 245m3/Hour Make: 2000 mm DIA/CERTIKIN / Aqua LIX (U.K) directions of the Engineer-In-charge of the work	SET
125	Supply, installtion, testing and commissioning of RECIRCULATING PUMPS 10 HP monoblock centrifugal pump 400V 3ph discharge:45 LPS at 13m head suction size:150mm, delivery: 150mm includes 1no standby directions of the Engineer-In-charge of the work	NO
126	Supply, installtion, testing and commissioning of FLOOR INLETS bottom inlet for concrete with S.S. screws made of ABS plastic. Max. flow: 10cum/hr 2 inches threaded fitting directions of the Engineer-In-charge of the work	NO
127	Supply, installtion, testing and commissioning of GUTTER GRATINGS Made in white, U.V. Stabilized PP. Width: 245mm, Height : 35mm directions of the Engineer-In-charge of the work	M
128	Supply, installtion, testing and commissioning of MAIN DRAIN GRATING COVER, material : SS 304 500mm x 500mmx6mm thick with slot openings of 6mm directions of the Engineer-In-charge of the work	NO
129	Supply, installtion, testing and commissioning of STAINLESS STEEL PREFILTER 6 inches opening with threaded collar with sight glass, SS sieve, flow:170cum/hr Material: SS 304 directions of the Engineer-In-charge of the work	NO
130	Supply, installtion, testing and commissioning of SUCTION INLETS ABS plastic, 2 inches external DIA glue type Flow:3.5 cum/hr, with threaded cap directions of the Engineer-In-charge of the work	NO
131	Supply, installtion, testing and commissioning of STAINLESS STEEL LADDERS made of SS 316 with pipe dia 38mm with non skid steps with embossed finish or checkered finish overflow model No of steps = 3 directions of the Engineer-In-charge of the work	NO
132	No of steps = 4 directions of the Engineer-In-charge of the work	NO
133	No of steps = 5 directions of the Engineer-In-charge of the work	NO
134	Supply, installtion, testing and commissioning of MAINTENANCE KIT COMPRISING OF: a) LEAFE RAKE Deep bag net made in polypropylene and polyester netting butterfly nut connection directions of the Engineer-In-charge of the work	NO
135	Curved brushes made in polypropylene for pool basins and scum liners directions of the Engineer-In-charge of the work	NO
136	Straight brushes made in polypropylene for pool basins and scum liners directions of the Engineer-In-charge of the work	NO
137	Reinforced aluminium telescopic handle 2.4/4.8m with clip connection directions of the Engineer-In-charge of the work	NO
138	Metallic Anodized Aluminium Vacuum head directions of the Engineer-In-charge of the work	NO
139	Extensible handles for cleaning attachments in anodized aluminium which can be adapted to the entire range of cleaning equipment, brushes, leaf skimmers and scoops 10m long directions of the Engineer-In-charge of the work	NO
140	Transparent blue plastic vacuum hose 11/2" dia 30mtr slong including hose cuffs for connection to suction inlets directions of the Engineer-In-charge of the work	NO
141	Supply, installtion, testing and commissioning of TEST KIT for checking free Chlorine & pHTablet type DPD directions of the Engineer-In-charge of the work	SET
142	Supply, installtion, testing and commissioning of POOL CLEANER trolly mounted with 1.5 Hp self priming pump with prefillter, starter and 63mm flexible hose directions of the Engineer-In-charge of the work	NO
143	Supply, installtion, testing and commissioning of LANE SEPERATOR ROPES directions of the Engineer-In-charge of the work	SET

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		2000.00	0.00	0.00	0.00	
	0.00	3.00	650000.00	1950000.00	3.00	1950000.00	
	0.00	3.00	250000.00	750000.00	3.00	750000.00	
	0.00		100000.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		2500.00	0.00	0.00	0.00	
	0.00		15000.00	0.00	0.00	0.00	
	0.00		35000.00	0.00	0.00	0.00	
	0.00		1200.00	0.00	0.00	0.00	
	0.00		30000.00	0.00	0.00	0.00	
	0.00		35000.00	0.00	0.00	0.00	
	0.00		45000.00	0.00	0.00	0.00	
	0.00		3500.00	0.00	0.00	0.00	
	0.00		2400.00	0.00	0.00	0.00	
	0.00		2400.00	0.00	0.00	0.00	
	0.00		6000.00	0.00	0.00	0.00	
	0.00		20000.00	0.00	0.00	0.00	
	0.00		5000.00	0.00	0.00	0.00	
	0.00		10000.00	0.00	0.00	0.00	
	0.00		2500.00	0.00	0.00	0.00	
	0.00		100000.00	0.00	0.00	0.00	
	0.00		5000.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
144	Supply, installtion, testing and commissioning of ANCHOR HOOKS STAINLESS STEEL fixed to end walls for lane ropes directions of the Engineer-In-charge of the work	NO
145	Supply, installtion, testing and commissioning of CONTRL PANNEL WIRING, floor mounted CP, Control of Mtrs, volts meter, 3 Phase indicater System, Change over shutter, ELCB, MCB, Pump, coverage to each indicator relay, cable and conduit with pump engineers specification directions of the Engineer-In-charge of the work	SET
146	Supply, installtion, testing and commissioning of GAS CHLORINATION SYSTEM vacuum type cylinder mounted gas (DCM) chlorinator capacity 0-500 gms/hr, chlorination system consisting of filter Assembly, Vacuum Regulator, flow meter assembly, control valve assembly, injector assembly including booster pump assembly and piping complete directions of the Engineer-In-charge of the work	SET
147	Supply, installtion, testing and commissioning of BUTTERFLY VALVES Wafer type PN 10 STD,replacable EPDM sleeve CI body with SS316 disc a) 10 INCHES directions of the Engineer-In-charge of the work	NO
148	Supply, installtion, testing and commissioning of BUTTERFLY VALVES Wafer type PN 10 STD,replacable EPDM sleeve CI body with SS316 disc b) 6 INCHES directions of the Engineer-In-charge of the work	NO
149	Supply, installtion, testing and commissioning of NON RETURN VALVES Material: gun metal Size: 8 inches directions of the Engineer-In-charge of the work	NO
150	Supply, installtion, testing and commissioning of PVC BALL VALVES Size: 63mm directions of the Engineer-In-charge of the work	NO
151	Supply, installtion, testing and commissioning of UPVC PIPES a) 400 MM DIA 6 KG/SQCM directions of the Engineer-In-charge of the work	M
152	Supply, installtion, testing and commissioning of UPVC PIPESc) 200 MM DIA 6 KG/SQCM directions of the Engineer-In-charge of the work	M
153	Supply, installtion, testing and commissioning of UPVC PIPESd) 63 MM DIA 10KG/SQCM directions of the Engineer-In-charge of the work	M
154	Supply, installtion, testing and commissioning of UPVC PIPESe) 160 MM DIA 6 KG/SQCM directions of the Engineer-In-charge of the work- Qty upto 125%	M
	.–do- Qty above 125%	
155	Supply, installtion, testing and commissioning of UPVC ELBOW 6 KG/SQCM a) 200 MM directions of the Engineer-In-charge of the work	NO
156	Supply, installtion, testing and commissioning of UPVC ELBOW 6 KG/SQCMc) 400 MM directions of the Engineer-In-charge of the work	NO
157	Supply, installtion, testing and commissioning of UPVC ELBOW 6 KG/SQCM d) 63 MM directions of the Engineer-In-charge of the work	NO
158	Supply, installtion, testing and commissioning of UPVC ELBOW 6 KG/SQCM e)160 MM directions of the Engineer-In-charge of the work	NO
159	Supply, installtion, testing and commissioning of UPVC TEE 6 KG/SQCM a) 200 MM directions of the Engineer-In-charge of the work	NO
160	Supply, installtion, testing and commissioning of UPVC TEE 6 KG/SQCM c) 400 MM directions of the Engineer-In-charge of the work	NO
161	Supply, installtion, testing and commissioning of UPVC TEE 6 KG/SQCM d) 63 MM directions of the Engineer-In-charge of the work	NO
162	Supply, installtion, testing and commissioning of UPVC TEE 6 KG/SQCM e)160 MM directions of the Engineer-In-charge of the work- Qty upto 125%	NO
	.–do- Qty above 125%	
163	Supply, installtion, testing and commissioning of UPVC REDUCER 6 KG/SQCM a) 160/400 directions of the Engineer-In-charge of the work	NO
164	Supply, installtion, testing and commissioning of UPVC REDUCER 6 KG/SQCM 160/200 directions of the Engineer-In-charge of the work	NO
165	Supply, installtion, testing and commissioning of UPVC REDUCER 6 KG/SQCM 63/160 directions of the Engineer-In-charge of the work- Qty upto 125%	NO
	.–do- Qty above 125%	
166	Supply, installtion, testing and commissioning of UPVC REDUCER 6 KG/SQCM 63/200 directions of the Engineer-In-charge of the work	NO

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		2000.00	0.00	0.00	0.00	
	0.00		100000.00	0.00	0.00	0.00	
	0.00		300000.00	0.00	0.00	0.00	
	0.00		25000.00	0.00	0.00	0.00	
	0.00		20000.00	0.00	0.00	0.00	
	0.00		20000.00	0.00	0.00	0.00	
	0.00		2000.00	0.00	0.00	0.00	
	0.00	98.00	6500.00	637000.00	98.00	637000.00	
	0.00		3500.00	0.00	0.00	0.00	
35.00	17500.00		500.00	0.00	35.00	17500.00	
25.00	100000.00		4000.00	0.00	25.00	100000.00	
154.00	616000.00	16.00	4000.00	64000.00	170.00 (154)	680000.00 (616000/-)	
	0.00		10000.00	0.00	0.00	0.00	
	0.00	3.00	15000.00	45000.00	3.00	45000.00	
	0.00		700.00	0.00	0.00	0.00	
10.00	55000.00	10.00	5500.00	55000.00	20.00	110000.00	
	0.00		1000.00	0.00	0.00	0.00	
	0.00		10000.00	0.00	0.00	0.00	
	0.00		600.00	0.00	0.00	0.00	
25.00	18750.00		750.00	0.00	25.00	18750.00	
45.00	33750.00		750.00	0.00	45.00	33750.00	
	0.00	10.00	20000.00	200000.00	10.00	200000.00	
	0.00		2000.00	0.00	0.00	0.00	
63.00	63000.00		1000.00	0.00	63.00	63000.00	
7.00	7000.00		1000.00	0.00	7.00	7000.00	
	0.00		1500.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
167	Supply, installtion, testing and commissioning of STARTING BLOCKS· FIBREGLASS 400 mm height non slip finish 0.5x 0.5m with nos 1 to 9 with anchoring fixtures directions of the Engineer-In-charge of the work	NO
168	Sanitary Fittings and Fixtures Providing and fixing of white colour vitreous China clay water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, PVC flushing cistern(all are approved make) with fittings, CI / MS brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangments with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification NO. KBS 11 directions of the Engineer-In-charge of the work	No
169	Providing and fixing of white colour vitreous China clay,water closet European type (pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level,PVC flush cistern (all are approved make) with fitting CI/MS brackets, 40mm diameter flush bend with fittings and clamp, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification No. KBS 11 directions of the Engineer-In-charge of the work	No
170	Providing and fixing of white colour vetreous China clay flat back. lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, CI /MS brackets, standard flush pipe and CP brass spreaders with brass unions and GI clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification No. KBS 11 directions of the Engineer-In-charge of the work	No
171	Providing and fixing of white colour vetreous China clay flat back wash basin size 630x450mm with a single 15mm CP brass piller tap with CI / MS brackets, 32 mm CP brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification No. KBS 11 directions of the Engineer-In-charge of the work	No
172	Providing and fixing 600x450mm bevel lead edge mirror of superior glass with 6mm hard board backing and fixed to wooden cleats with CP screws, washers, including cost of materials, labour complete as per specifications. directions of the Engineer-In-charge of the work	No
173	Providing and fixing C.P brass towel rail 740mm length, 20 mm dia with C.P brackets, fixed to wooden cleats with C.P brass screws including cost of materials, labour complete as per specification. directions of the Engineer-In-charge of the work	No
174	Providing and fixing 15mm dia C.P angle stop cock with wall flange directions of the Engineer-In-charge of the workdirections of the Engineer-In-charge of the work	No
175	Providing and fixing 32mm dia C.P bottle trap directions of the Engineer-In-charge of the work	No
176	Providing and fixing 15mm dia flexible hose pipe connecting angle stop cock and the pillar cock or cistern directions of the Engineer-In-charge of the work	No
177	Providing and fixing 15mm dia C.P Push cock with C.p wall flange. directions of the Engineer-In-charge of the work	No
178	Providing and fixing in position brass stop cock of approved quality of as per dia nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications. No. KBS a. 20mm.dia directions of the Engineer-In-charge of the work	No
179	Providing and fixing in position brass bib cock of approved quality of as per dia nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications.directions of the Engineer-In-charge of the work	No
180	Providing and fixing wall mounting type CP soap dish . The cost to include all fittings and fastenings all complete as required directions of the Engineer-In-charge of the work	No
181	Providing & fixing heavy cast brass C.P coat hooks fixed with rawl plugs with C.P brass screws all complete as required directions of the Engineer-In-charge of the work	No
182	Providing & fixing of C.P shower rose and shower arm with flanges, connecting shower rose with hot water and cold water connection from stop cocks, all complete as required. directions of the Engineer-In-charge of the work	No

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00	9.00	40000.00	360000.00	9.00	360000.00	
	0.00		600.00	0.00	0.00	0.00	
	0.00		6000.00	0.00	0.00	0.00	
	0.00		3000.00	0.00	0.00	0.00	
	0.00		4000.00	0.00	0.00	0.00	
	0.00		1500.00	0.00	0.00	0.00	
	0.00		1500.00	0.00	0.00	0.00	
	0.00		750.00	0.00	0.00	0.00	
	0.00		750.00	0.00	0.00	0.00	
	0.00		300.00	0.00	0.00	0.00	
	0.00		300.00	0.00	0.00	0.00	
	0.00		300.00	0.00	0.00	0.00	
	0.00		400.00	0.00	0.00	0.00	
	0.00		200.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	
	0.00		750.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
183	WATER SUPPLY WORKS Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.(Burried). a. 20mm.dia directions of the Engineer-In-charge of the work	Mtr
184	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.(Burried).b. 25mm.dia.directions of the Engineer-In-charge of the work	Mtr
185	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.(Burried).c. 32mm.dia directions of the Engineer-In-charge of the work	Mtr
186	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.(Burried).d. 40mm.dia directions of the Engineer-In-charge of the work	Mtr
187	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.(Burried).e. 50mm.dia.directions of the Engineer-In-charge of the work	Mtr
188	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00mtr spacing, this includes jointing of pipes and fittings with one step solvent cement and testing of joints complete.(work exposed on wall)r KSRB a. 20mm.dia.. Nominal OD directions of the Engineer-In-charge of the work	Mtr
189	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00mtr spacing, this includes jointing of pipes and fittings with one step solvent cement and testing of joints complete.(work exposed on wall)r KSRBb. 25mm.dia.. Nominal ODdirections of the Engineer-In-charge of the work	Mtr
190	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00mtr spacing, this includes jointing of pipes and fittings with one step solvent cement and testing of joints complete.(work exposed on wall)r KSRBc. 32mm.dia.. Nominal OD directions of the Engineer-In-charge of the work	Mtr
191	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00mtr spacing, this includes jointing of pipes and fittings with one step solvent cement and testing of joints complete.(work exposed on wall)r KSRBd. 40mm.dia.. Nominal OD directions of the Engineer-In-charge of the work	Mtr
192	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00mtr spacing, this includes jointing of pipes and fittings with one step solvent cement and testing of joints complete.(work exposed on wall)r KSRBe. 50mm.dia.. Nominal OD directions of the Engineer-In-charge of the work	Mtr
193	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipes with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete.(Concealed work including cutting chasing and good the walls etc).KSRB a. 15mm.dia. directions of the Engineer-In-charge of the work	Mtr

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		300.00	0.00	0.00	0.00	
	0.00		250.00	0.00	0.00	0.00	
	0.00		300.00	0.00	0.00	0.00	
	0.00		300.00	0.00	0.00	0.00	
	0.00		800.00	0.00	0.00	0.00	
	0.00		200.00	0.00	0.00	0.00	
	0.00		300.00	0.00	0.00	0.00	
	0.00		400.00	0.00	0.00	0.00	
	0.00		450.00	0.00	0.00	0.00	
	0.00		750.00	0.00	0.00	0.00	
	0.00		200.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
194	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipes with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete.(Concealed work including cutting chasing and good the walls etc).KSRBb. 20mm.dia.directions of the Engineer-In-charge of the work	Mtr
195	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipes with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete.(Concealed work including cutting chasing and good the walls etc).KSRBc. 25mm.dia directions of the Engineer-In-charge of the work	Mtr
196	Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour , HOM of equipments and testing complete as per specificationsKSRB directions of the Engineer-In-charge of the work	Set
197	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification. KSRB a. 25mm.dia. directions of the Engineer-In-charge of the work	No
198	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.b. 32mm.dia directions of the Engineer-In-charge of the work	No
199	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.c. 40mm dia directions of the Engineer-In-charge of the work	No
200	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.KSRB a. 32mm.dia directions of the Engineer-In-charge of the work	No
201	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.KSRB b. 40mm.dia directions of the Engineer-In-charge of the work	No
202	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.KSRB c. 50mm.dia directions of the Engineer-In-charge of the work	No
203	Providing and fixing in position below given nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments specificationKSRB a. 40mm.dia. directions of the Engineer-In-charge of the work	No
204	DRAINAGE WORKS Providing and fixing to wall,ceiling and floor high density polyethlne pipes 6.00kgf/sq.cm working pressure 75& 110 mm out side diameter with speicial flange ,compression type fitting,wall clips,making good the wall celing and floor , including cost of all materils labour chargs , HOM of quipment and testing complete as per specificatiion a. 75mm diadirections of the Engineer-In-charge of the work	Mtr
205	Providing and fixing to wall,ceiling and floor high density polyethlne pipes 6.00kgf/sq.cm working pressure 75& 110 mm out side diameter with speicial flange ,compression type fitting,wall clips,making good the wall celing and floor , including cost of all materils labour chargs , HOM of quipment and testing complete as per specificatiion b. 110mm dia directions of the Engineer-In-charge of the work	Mtr
206	Providing and fixing to wall,ceiling and floor high density polyethlne pipes 6.00kgf/sq.cm working pressure 75& 110 mm out side diameter with speicial flange ,compression type fitting,wall clips,making good the wall celing and floor , including cost of all materils labour chargs , HOM of quipment and testing complete as per specificatiion a. 32mm dia directions of the Engineer-In-charge of the work	Mtr

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		300.00	0.00	0.00	0.00	
	0.00		350.00	0.00	0.00	0.00	
	0.00		7500.00	0.00	0.00	0.00	
	0.00		1250.00	0.00	0.00	0.00	
	0.00		2000.00	0.00	0.00	0.00	
	0.00		2000.00	0.00	0.00	0.00	
	0.00		1750.00	0.00	0.00	0.00	
	0.00		1750.00	0.00	0.00	0.00	
	0.00		2000.00	0.00	0.00	0.00	
	0.00		2500.00	0.00	0.00	0.00	
	0.00		400.00	0.00	0.00	0.00	
	0.00		1000.00	0.00	0.00	0.00	
	0.00		1000.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
207	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot).10 cmsx 7.5 directions of the Engineer-In-charge of the work	No
208	Providing and fixing 7.5 cms to 15.00 cms dia NP granting 100 mm dia a. 125mm dia directions of the Engineer-In-charge of the work	No
209	Providing stoneware gully trap of approved quality and make fixing in CC1:2:4 and plastering with CM 1:3 wherever necessary. (Rate includes cost of all materials, fixtures and leads) (15cms x 10cms) directions of the Engineer-In-charge of the work	No
210	Providing and fixing PVC (6kg/sq.cm) soil waste vent pipe including all fittings, Eg: Bends, tees, elbows collars, juction, inspection doors, cowls, offset acess pipes, jointing with PVC solution, in making bores punctures in slab and wall and making good of the same, cost shall include providing steel brackets and fasteners. b. 75mm dia directions of the Engineer-In-charge of the work	Mtr
211	Providing and fixing PVC (6kg/sq.cm) soil waste vent pipe including all fittings, Eg: Bends, tees, elbows collars, juction, inspection doors, cowls, offset acess pipes, jointing with PVC solution, in making bores punctures in slab and wall and making good of the same, cost shall include providing steel brackets and fasteners. c. 110mm dia directions of the Engineer-In-charge of the work	Mtr
212	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for pipeline with one or two inlets, using table mounted non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 600x 600mm internal dimensions, total weight of cover 23kg and weight of frame 15kg) R.C.C top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finished smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications directions of the Engineer-In-charge of the work	No
213	Constructing brick masonry circular type manhole 0.91 m internal dia at bottom 0.91 deep and 0.56m dia at top with table moulded non-modular bricks of 50 class designation 50 in cement mortar 1:4, inside cement plastered 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete 1;3:6 mix using 40mm and downsize granite metal and making necessary channel in cement concrete 1:2:4 mix with 20mm and downsize granite metal finished with a floating coat of neat cement, with S.F.R.C cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter confirming IS:12592, total weight cover and frame to be not less than 182 kg, fixed in cement concrete 1:2:4, 20mm and downsize broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of machineries complete as per specifications. (Excavation, foot rests and 12mm thick cememnt plaster on the external surface shall be paid separately) directions of the Engineer-In-charge of the work	No
214	Constructing brick masonry circular type manhole 0.91 m internal dia at bottom 0.91 deep and 0.56m dia at top with table moulded non-modular bricks of 50 class designation 50 in cement mortar 1:4, inside cement plastered 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete 1;3:6 mix using 40mm and downsize granite metal and making necessary channel in cement concrete 1:2:4 mix with 20mm and downsize granite metal finished with a floating coat of neat cement, with S.F.R.C cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter confirming I S:12592, total weight cover and frame to be not less than 182 kg, fixed in cement concrete 1:2:4, 20mm and downsize broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of machineries complete as per specifications. (Excavation, foot rests and 12mm thick cememnt plaster on the external surface shall be paid separately)KSRB (1.67m depth) directions of the Engineer-In-charge of the work	No
215	Providing and fixing on wall surface 4 kg/sq.cm HDPE rain down water pipes 110mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications directions of the Engineer-In-Charge of the work	mtr

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		350.00	0.00	0.00	0.00	
	0.00		350.00	0.00	0.00	0.00	
	0.00		600.00	0.00	0.00	0.00	
	0.00		1000.00	0.00	0.00	0.00	
	0.00		1010.00	0.00	0.00	0.00	
	0.00		8000.00	0.00	0.00	0.00	
	0.00		12000.00	0.00	0.00	0.00	
	0.00		15000.00	0.00	0.00	0.00	
	0.00		750.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
216	ELECTRICAL WORK PART A:- SUBSTATION EQUIPMENT Supply and erection of 11Mtr Spun Pole including earth work etc,. complete as per the standard technical specification directions of the Engineer-In-charge of the work	Each
217	Supply And Fixing of Single Pole Mounted Transformer Kit for 100/250KVA on 11Mtr Spun Pole etc. complete as per the standard technical specification of directions of the Engineer-In-charge of the work	Each
218	Supplying and Fixing ..... including all Hardware's etc. complete as per the standard technical specification directions of the Engineer-In-charge of the work 5.8.8) GOS Set 200 Amps Single break	Each
219	Supplying and Fixing ..... including all Hardware's etc. complete as per the standard technical specification directions of the Engineer-In-charge of the work5.8.1) H Frame Set	Each
220	Supply and fixing of .....cross arm including all Hardware's complete as per the standard technical specification 5.4.3) Horizontal. 50x450x6mm -980mm directions of the Engineer-In-charge of the work	Each
221	Supplying and Fixing .....including all Hardware's etc. complete as per the standard technical specification 5.9.4) Disc Insulator 70/90 KN directions of the Engineer-In-charge of the work	Each
222	Supplying and Fixing .....including all Hardware's etc. complete as per the standard technical specification 5.9.3)11 KV Pin Insulator directions of the Engineer-In-charge of the work	Each
223	Supplying and Fixing ..... including all Hardware's etc. complete as per the standard technical specification 5.8.8)HT ST Support 50x8 mmdirections of the Engineer-In-charge of the work	Each
224	Supply and fixing of .....cross arm including all Hardware's complete as per the standard technical specification 5.4.1)4 Pin 45x45x5mm -1110mm directions of the Engineer-In-charge of the work	Each
225	Supplying and Fixing ..... including all Hardware's etc. complete as per the standard technical specification 5.8.10)Horn Gap Fuse Unit (H.G.) directions of the Engineer-In-charge of the work	Each
226	Supplying and Fixing ..... including all Hardware's etc. complete as per the standard technical specification 5.8.12)Lightning Arrestor 9KV 5kA polymeric type. directions of the Engineer-In-charge of the work	Each
227	Supplying erection, testing and commissioning of 11kV Load Break Switch with 4 wire- (with Neutral) Metering cubicle and connected accessories, hardware's etc. suitable for outdoor type complete as per latest IS standard technical specification. LBS should be approved by BESCOM System :11KV, 3PH, 50HZ, Fault level: 350 MVA. Installation : OUTDOOR. a.Onload AIR BREAK switch with fuse trip mechanism.,3P,400A, 12KV,18.4 KA, 350MVA - 1 no b.11KV HRC Fuses with triping striker pin suitable Amps - 3nos c.Aluminium busbar, suitable rating 3 Phase,Air insulated with heat shrinkable sleevs - 1set d.Earth 25X3 mm Tin coated copper busbar - 1set e.Busbar supports resin cast with 33KV die electric and mechanical strength - 1 set directions of the Engineer-In-charge of the work	Each
228	Caution/Danger Board as per Drawing No. BESCOM/GM/CP/40/Dt: 24.10.07 directions of the Engineer-In-charge of the work	No
229	GI Pipes B - Class GI Pipe - 150 mm Dia Dia 768058 directions of the Engineer-In-charge of the work	Mtrs
230	TRANSFORMER:- Supplying, erecting, testing and commissioning of ..... KVA capacity Copper wound Distribution Transformer 11KV/433V with Off Load Tap Switch, Buchholtz relay winding temperature indicator, oil temperature indicator, marshalling box with wiring, magnetic oil level indicator with +5% to-10% Steps of 2.5% with HT and LT cable end boxes including all standard accessories as per latest IS standard technical specification. 8.10.2) 100 KVA directions of the Engineer-In-charge of the work	Each
231	LT KIOSK:- LT Distribution Box for 63/100 KVA Transformer with 1No 160Amps 25kA 4Pole MCCB, suitable capacity aluminum bus bar mounted in 16SWG powder coated M.S.Box suitable to mount at Transformer Centre directions of the Engineer-In-charge of the work	Set

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		25000.00	0.00	0.00	0.00	
	0.00		50000.00	0.00	0.00	0.00	
	0.00		15000.00	0.00	0.00	0.00	
	0.00		5000.00	0.00	0.00	0.00	
	0.00		12000.00	0.00	0.00	0.00	
	0.00		750.00	0.00	0.00	0.00	
	0.00		400.00	0.00	0.00	0.00	
	0.00		2000.00	0.00	0.00	0.00	
	0.00		2000.00	0.00	0.00	0.00	
	0.00		5000.00	0.00	0.00	0.00	
	0.00		5000.00	0.00	0.00	0.00	
	0.00		400000.00	0.00	0.00	0.00	
	0.00		250.00	0.00	0.00	0.00	
	0.00		1000.00	0.00	0.00	0.00	
	0.00		250000.00	0.00	0.00	0.00	
	0.00		150000.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
232	B. EARTHING SYSTEM Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia directions of the Engineer-In-charge of the work	Each
233	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts. directions of the Engineer-In-charge of the work	Each
234	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required. 25x3mm Copper strip directions of the Engineer-In-charge of the work	Mtr
235	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required. 25x6mm Copper strip directions of the Engineer-In-charge of the work	Mtr
236	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required.600x600x3mm plate directions of the Engineer-In-charge of the work	Each
237	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required. 25x3mm GI strip directions of the Engineer-In-charge of the work	Mtr
238	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required. 40x6mm GI strip directions of the Engineer-In-charge of the work	Mtr
239	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required. 600x600x3mm GI Plate directions of the Engineer-In-charge of the work	Each
240	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. GI Wire 8 SWG directions of the Engineer-In-charge of the work	Mtr
241	PART C:-L.T Panel boards and distribution boards 1 .0) Main LT Panel "Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete. 6.40.1) 14SWG" directions of the Engineer-In-charge of the work	Sqm
242	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 6.39.5) 75x150x75x6mm C channel directions of the Engineer-In-charge of the work	mtr
243	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE 200Amps 35kA.(Incoming) directions of the Engineer-In-charge of the work	Each
244	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE125-160Amps 25kA.(Outgoing) directions of the Engineer-In-charge of the work	Each
245	Supplying and fixing of Shunt trip suitable for MCCB.CBCT. directions of the Engineer-In-charge of the work	Each
246	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps SP directions of the Engineer-In-charge of the work	Each

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		5000.00	0.00	0.00	0.00	
	0.00		5000.00	0.00	0.00	0.00	
	0.00		300.00	0.00	0.00	0.00	
	0.00		1300.00	0.00	0.00	0.00	
	0.00		7300.00	0.00	0.00	0.00	
	0.00		200.00	0.00	0.00	0.00	
	0.00		250.00	0.00	0.00	0.00	
	0.00		250.00	0.00	0.00	0.00	
	0.00		20.00	0.00	0.00	0.00	
	0.00		0.20	0.00	0.00	0.00	
	0.00		1200.00	0.00	0.00	0.00	
	0.00		12000.00	0.00	0.00	0.00	
	0.00		10000.00	0.00	0.00	0.00	
	0.00		2500.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
247	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6.16. 5-32Amps TPN (Outgoing) directions of the Engineer-In-charge of the work	Each
248	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C. directions of the Engineer-In-charge of the work	Each
249	Supplying, fixing and wiring 0 to 600Volts 96x96mm AC Voltmeter on existing panel/wood board. directions of the Engineer-In-charge of the work	Each
250	Supplying, fixing and wiring rotary selector switch suitable for Voltmeter. directions of the Engineer-In-charge of the work	Each
251	Supplying, fixing and wiring 0 to 1500amps CT operated AC analog type Ammeter without CT directions of the Engineer-In-charge of the work	Each
252	Supplying, fixing and wiring rotary selector switch suitable for Ammeter. directions of the Engineer-In-charge of the work	Each
253	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54 degree of protection and completely wired as required with communication Port and Class 0.5s accuracy. directions of the Engineer-In-charge of the work	Each
254	Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound. directions of the Engineer-In-charge of the work	Each
255	Supplying, fixing and wiring earth leakage relay with core balanced current transformer suitable for single phase 50 Hz AC with latest microcontroller based, digital readout of percentage leakage current, programmable delay/auto/manual reset facility suitable to mount on DIN rail/ flush mounting on panel board. directions of the Engineer-In-charge of the work	Eech
256	Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. 6.38.2) 250Amps 4x30x10mm Aluminum Strips directions of the Engineer-In-charge of the work	mtr
257	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.6.12.1) 25Amps directions of the Engineer-In-charge of the work	Each
258	Supplying, fixing and wiring heavy duty low voltage capacitors conforming to IS 2834. 3 phase, 400/440 volts grade, for power factor improvement of rotating machinery. directions of the Engineer-In-charge of the work	KVAR
259	Supplying, fixing and wiring Automatic Power Factor controller fully, static units controlled by 14 stage microprocessor operation, relays LED display, self programming function for power stages and operating logic checking facility for healthy and efficient of each individual capacitor bank, measurement of network harmonics with indication when limit values are exceeded, Comprehensive displays with large, three place LED display, Long term memory for settings, protection for over voltage, power factor correction fault and no voltage, to connect / disconnect banks, with automatic recognition or with standard programs. directions of the Engineer-In-charge of the work	Each
260	2.0) PUMP Panel (OUT DOOR TYPE) Panel size:185 cms X 120Cms X 30 Cms Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete. 6.40.1) 14SWG directions of the Engineer-In-charge of the work	Sqm
261	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 6.39.5) 75x150x75x6mm C channel directions of the Engineer	mtr

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		3500.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	
	0.00		250.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	
	0.00		10000.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	
	0.00		10000.00	0.00	0.00	0.00	
	0.00		2000.00	0.00	0.00	0.00	
	0.00		2000.00	0.00	0.00	0.00	
	0.00		600.00	0.00	0.00	0.00	
	0.00		20000.00	0.00	0.00	0.00	
	0.00		0.10	0.00	0.00	0.00	
	0.00		1000.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
262	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE 6.13.7) 125-160Amps 25kA. directions of the Engineer-In-charge of the work	Each
263	Supplying and fixing of Shunt trip suitable for MCCB.CBCT. directions of the Engineer-In-charge of the work	Each
264	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps SP directions of the Engineer-In-charge of the work	Each
265	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 40-63 Amps TPN (Outgoing) directions of the Engineer-In-charge of the work	Each
266	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C. directions of the Engineer-In-charge of the work	Each
267	Supplying, fixing and wiring 0 to 600Volts 96x96mm AC Voltmeter on existing panel/wood board. directions of the Engineer-In-charge of the work	Each
268	Supplying, fixing and wiring rotary selector switch suitable for Voltmeter. directions of the Engineer-In-charge of the work	Each
269	Supplying, fixing and wiring 0 to 1500amps CT operated AC analog type Ammeter without CT directions of the Engineer-In-charge of the work	Each
270	Supplying, fixing and wiring rotary selector switch suitable for Ammeter. directions of the Engineer-In-charge of the work	Each
271	Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound. directions of the Engineer-In-charge of the work	Each
272	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54 degree of protection and completely wired as required with communication Port and Class 0.5s accuracy. directions of the Engineer-In-charge of the work	Each
273	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3 phase and wired after fixing to the existing wooden board for motor. 6.2.1) Upto 12.5 HP directions of the Engineer-In-charge of the work	Each
274	Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. 6.38.2) 250Amps 4x30x10mm Aluminum Strips directions of the Engineer-In-charge of the work	mtr
275	3.0) MCB Distribution Boards Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.III - Double Door 6.17.7) 4Way TP &N directions of the Engineer-In-charge of the work	Each
276	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32 Amps TPN directions of the Engineer-In-charge of the work	Each
277	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32 Amps SP directions of the Engineer-In-charge of the work	Each

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		10000.00	0.00	0.00	0.00	
	0.00		2500.00	0.00	0.00	0.00	
	0.00		1000.00	0.00	0.00	0.00	
	0.00		1200.00	0.00	0.00	0.00	
	0.00		1500.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	
	0.00		400.00	0.00	0.00	0.00	
	0.00		200.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	
	0.00		200.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	
	0.00		12500.00	0.00	0.00	0.00	
	0.00		7500.00	0.00	0.00	0.00	
	0.00		3000.00	0.00	0.00	0.00	
	0.00		3000.00	0.00	0.00	0.00	
	0.00		1000.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
278	PART D:-SUBMAINS CIRCUIT MAINS/POWER WIRING Open Conduit System Supplying heavy gauge PVC conduit pipe .....dia .....mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 19/20mm dia 2mm thick directions of the Engineer-In-charge of the work	mtr
279	Open Conduit System Supplying heavy gauge PVC conduit pipe .....dia .....mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 25mm dia 2mm thick directions of the Engineer-In-charge of the work	mtr
280	Open Conduit System Supplying heavy gauge PVC conduit pipe .....dia .....mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 32mm dia 2.5mm thick directions of the Engineer-In-charge of the work	mtr
281	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 19/20mm dia 2mm thick directions of the Engineer-In-charge of the work	mtr
282	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary25mm dia 2mm thick directions of the Engineer-In-charge of the work	mtr
283	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary32mm dia 2.5mm thick directions of the Engineer-In-charge of the work	mtr
284	Groove cutting:- Concealed Conduit System Supplying heavy gauge PVC Conduit Pipe ....dia .....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 19/20mm dia 2mm thick directions of the Engineer-In-charge of the work	mtr
285	Groove cutting:- Concealed Conduit System Supplying heavy gauge PVC Conduit Pipe ....dia .....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.25mm dia 2mm thick directions of the Engineer-In-charge of the work	mtr
286	Groove cutting:- Concealed Conduit System Supplying heavy gauge PVC Conduit Pipe ....dia .....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.32mm dia 2.5mm thick directions of the Engineer-In-charge of the work	mtr

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		370.00	0.00	0.00	0.00	
	0.00		75.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		70.00	0.00	0.00	0.00	
	0.00		75.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
287	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A Short point upto 3Mtr from tapping point to out let via switch directions of the Engineer-In-charge of the work	Point
288	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch directions of the Engineer-In-charge of the work	Point
289	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A Long point above 6Mtr upto 10Mtr from tapping point to out let via switch directions of the Engineer-In-charge of the work	Point
290	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to out let via switches directions of the Engineer-In-charge of the work	Point
291	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A Three outlet in a row, above 6Mts upto 10Mtr from tapping point to out let via switches directions of the Engineer-In-charge of the work	Point
292	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. 1.5 sqmm. directions of the Engineer-In-charge of the work	Mtr
293	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A.2.5 sqmm directions of the Engineer-In-charge of the work	Mtr
294	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A.4 sqmm directions of the Engineer-In-charge of the work	Mtr
295	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete. 1 -3Way directions of the Engineer-In-charge of the work	Each
296	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete.4-5Way directions of the Engineer-In-charge of the work	Each
297	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete.6Way directions of the Engineer-In-charge of the work	Each
298	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete. 10-12Way directions of the Engineer-In-charge of the work	Each

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		300.00	0.00	0.00	0.00	
	0.00		450.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	
	0.00		600.00	0.00	0.00	0.00	
	0.00		600.00	0.00	0.00	0.00	
	0.00		30.00	0.00	0.00	0.00	
	0.00		35.00	0.00	0.00	0.00	
	0.00		50.00	0.00	0.00	0.00	
	0.00		125.00	0.00	0.00	0.00	
	0.00		1500.00	0.00	0.00	0.00	
	0.00		200.00	0.00	0.00	0.00	
	0.00		250.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
299	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 1 to 3 Module directions of the Engineer-In-charge of the work	Each
300	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.4 Module directions of the Engineer-In-charge of the work	Each
301	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.6 Module directions of the Engineer-In-charge of the work	Each
302	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.8 Module directions of the Engineer-In-charge of the work	Each
303	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.10 Module directions of the Engineer-In-charge of the work	Each
304	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.12 Module directions of the Engineer-In-charge of the work	Each
305	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 6Amps 3way socket. directions of the Engineer-In-charge of the work	Each
306	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 1000-1200Watts Dimmer directions of the Engineer-In-charge of the work	Each
307	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 16Amps one way switch directions of the Engineer-In-charge of the work	Each
308	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 32Amps DP switch directions of the Engineer-In-charge of the work	Each
309	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A TV/Telephone socket directions of the Engineer-In-charge of the work	Each
310	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 6/16Amps universal socket directions of the Engineer-In-charge of the work	Each
311	PART E:-Light Fixtures and Fan Supplying box type suitable for 28W T5 single / twin Lamp & suspension mounted luminaire & optical reflector. Prewired with HF electronic Ballast, push fit type lamp holders & main connectors. Channel cover shall be made of CRCA MS Sheet and finishing is done with stove enameled white with end caps made of engineering plastic 2x4'-28Watts directions of the Engineer-In-charge of the work	Each
312	Supplying box type suitable for 28W T5 single / twin Lamp & suspension mounted luminaire & optical reflector. Prewired with HF electronic Ballast, push fit type lamp holders & main connectors. Channel cover shall be made of CRCA MS Sheet and finishing is done with stove enameled white with end caps made of engineering plastic 1x4'-28Watts directions of the Engineer-In-charge of the work	Each
313	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. Using necessary length of G.I. chain directions of the Engineer-In-charge of the work	Each
314	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. On wall / ceiling / Rafter / Girders directions of the Engineer-In-charge of the work	Each

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		250.00	0.00	0.00	0.00	
	0.00		250.00	0.00	0.00	0.00	
	0.00		300.00	0.00	0.00	0.00	
	0.00		350.00	0.00	0.00	0.00	
	0.00		350.00	0.00	0.00	0.00	
	0.00		400.00	0.00	0.00	0.00	
	0.00		400.00	0.00	0.00	0.00	
	0.00		450.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	
	0.00		550.00	0.00	0.00	0.00	
	0.00		700.00	0.00	0.00	0.00	
	0.00		600.00	0.00	0.00	0.00	
	0.00		6000.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	
	0.00		200.00	0.00	0.00	0.00	
	0.00		200.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
315	Supply of LED Post Top Lantern GARDEN.Supply of LED Post Top Lantern with system ... wattage, housing & frame shall be of powder coated, die cast aluminum, diffuser with high density polyethylene IP65 EPDM Gasket. Life 50000 Hrs. @ L70 shall be conforming to IS 10322/Part 5/ Section 5 @ 230V. 5 years Warranty against any manufacturing defect working under standard electrical condition. LED Post Top Lantern with 12 watts directions of the Engineer-In-charge of the work	Each
316	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires. directions of the Engineer-In-charge of the work	Each
317	Supplying CFL mirror light fitting with 1x11W CFL lamp, choke, Perspex cover and completely wired for use on 230V 50Hz AC supply directions of the Engineer-In-charge of the work	Each
318	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. 56" Sweep (1400mm) 9.3.2.1) Regular model directions of the Engineer-In-charge of the work	Each
319	Fixing a ceiling / wall mounting fan of all capacities and all types, with necessary clamps and 'S' hook made out of 15mm dia MS rod, with 5 amps. ceiling rose of approved quality with necessary length of 23 / 0.0076 inch PVC insulated twin twisted wire of approved quality, mounted on a suitable size wooden board and wired. directions of the Engineer-In-charge of the work	Each
320	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete. 9.2.1)12" Sweep (300mm) directions of the Engineer-In-charge of the work	Each
321	Fixing one exhaust fan after making a suitable nitch in the wall and finishing with cement mortar and colouring to match the existing wall or brackets, with bolts and nuts and a 5 amps, ceiling rose with sufficient length of 23 / 0.0076 inch PVC insulated twin core wire of approved make with wire mesh and wooden frame. directions of the Engineer-In-charge of the work	Each
322	PART-F :- CABLE AND CABLE END TERMINATION HT CABLES HT Cable GROUP A: Supplying and laying of high tension 11KV cable, Dry Curing & Dry Cooling with true triple extrusion, simultaneously through a single common head, 3 core under ground XLPE (E) cable having stranded compact circular aluminium conductor, screened insulated, insulation screened with extruded semiconducting compound in combination with copper tape, core laid up extruded inner sheathed of GI flat strip armoured and overall PVC sheathed with specified IS 7098/11/85 with latest amendments & confirming to the GTP of GROUP-A 8.3.1) 3Cx95 sqmm directions of the Engineer-In-charge of the work	Mtr
323	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) 7.9.2) In soil (hard) directions of the Engineer-In-charge of the work	mtr
324	LT CABLES Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 4 core 10 sqmm directions of the Engineer-In-charge of the work	mtr
325	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 3.5 core 185 sqmm directions of the Engineer-In-charge of the work	mtr
326	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 3.5 core 120 sqmm directions of the Engineer-In-charge of the work	mtr

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		10000.00	0.00	0.00	0.00	
	0.00		1000.00	0.00	0.00	0.00	
	0.00		2500.00	0.00	0.00	0.00	
	0.00		2500.00	0.00	0.00	0.00	
	0.00		150.00	0.00	0.00	0.00	
	0.00		12000.00	0.00	0.00	0.00	
	0.00		1000.00	0.00	0.00	0.00	
	0.00		1000.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		200.00	0.00	0.00	0.00	
	0.00		850.00	0.00	0.00	0.00	
	0.00		800.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
327	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 3.5 core 70 sqmm directions of the Engineer-In-charge of the work	mtr
328	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 3.5 core 25 sqmm directions of the Engineer-In-charge of the work	mtr
329	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 6 sqmm to 16 sqmm directions of the Engineer-In-charge of the work	mtr
330	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 25 sqmm to 75 sqmm directions of the Engineer-In-charge of the work	mtr
331	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 95 sqmm to 150Sqmm directions of the Engineer-In-charge of the work	mtr
332	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 185sqmm to 240Sqmm directions of the Engineer-In-charge of the work	mtr
333	END TERMINATION HT CABLE ENDTERMINATION Supplying and making 11KV (E) Extruded "X" linked for tubing & moulded & cross-linked components using Heat Shrink Stress Control tube having High Permittivity XLPE Terminations- OUTDOOR JOINTING KIT & confirming to the GTP. OUTDOOR 8.2.1) 3Cx95/120sqmm directions of the Engineer-In-charge of the work	Kit
334	Supplying and making 11KV (E) Extruded "X" linked for tubing & moulded & cross-linked components using Heat Shrink Stress Control tube having High Permittivity XLPE Terminations- INDOOR JOINTING KIT & confirming to the GTP. INDOOR 8.2.5) 3Cx95/120sqmm directions of the Engineer-In-charge of the work	Kit
335	LT CABLE END TERMINATION Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) 25mm dia directions of the Engineer-In-charge of the work	Each
336	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only)32mm dia directions of the Engineer-In-charge of the work	Each
337	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) 50mm dia directions of the Engineer-In-charge of the work	Each
338	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) 75mm dia directions of the Engineer-In-charge of the work	Each
339	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 16 sqmm directions of the Engineer-In-charge of the work	Each
340	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 25 sqmm Long Barrel directions of the Engineer-In-charge of the work	Each
341	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 70 sqmm Long Barrel directions of the Engineer-In-charge of the work	Each
342	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 120 sqmm Long Barrel directions of the Engineer-In-charge of the work	Each
343	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 185 sqmm Long Barrel directions of the Engineer-In-charge of the work	Each
344	CABLE TRAY Supplying and fixing 2mm thick perforated cable tray with powder coated paint on existing MS angle support Using necessary GI bolts/nuts and washer or welding as required. 7.19.1) 150x50mm directions of the Engineer-In-charge of the work	mtr
345	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete. In soil (hard) directions of the Engineer-In-charge of the work	mtr

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		750.00	0.00	0.00	0.00	
	0.00		500.00	0.00	0.00	0.00	
	0.00		50.00	0.00	0.00	0.00	
	0.00		50.00	0.00	0.00	0.00	
	0.00		50.00	0.00	0.00	0.00	
	0.00		50.00	0.00	0.00	0.00	
	0.00		10000.00	0.00	0.00	0.00	
	0.00		5000.00	0.00	0.00	0.00	
	0.00		2000.00	0.00	0.00	0.00	
	0.00		5000.00	0.00	0.00	0.00	
	0.00		200.00	0.00	0.00	0.00	
	0.00		1000.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		5000.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
346	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.C.C. cutting directions of the Engineer-In-charge of the work	mtr
347	G. MISCELLANEOUS ITEMS Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25mm pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. 7.12.2) 50mm directions of the Engineer-In-charge of the work	Mtr
348	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 6.39.1) 40x40x6mm directions of the Engineer-In-charge of the work	mtr
349	Supply and laying double walled corrugated (DWC) HDPE Pipe including all necessary connecting Sockets/Couplings/Tees/Bends/End-caps of same materials in existing trench as per IS 14930 part -II suitable for drawing underground cables.7.20.10) 160mm OD / 135mm ID directions of the Engineer-In-charge of the work	mtr
350	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 19/20mm dia 2mm thick directions of the Engineer-In-charge of the work	mtr
351	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary25mm dia 2mm thick directions of the Engineer-In-charge of the work	mtr
352	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 32mm dia 2.5mm thick directions of the Engineer-In-charge of the work	mtr
353	Supplying and installation of ABC..... Kgs capacity Fire Extinguishers for multipurpose (Solid, Liquid, Gas, Electrical) a) 5 Kgs directions of the Engineer-In-charge of the work	Each
354	Supplying and installation of Dry Chemical powder.....Kg capacity Fire Extinguishers for multipurpose (DG, Electrical Panel) b) 5 Kgs directions of the Engineer-In-charge of the work	Each
355	Supplying and installation of Mechanical Foam-9ltrs capacity Fire Extinguishers for multipurpose (DG, Electrical Panel) directions of the Engineer-In-charge of the work	Each
356	Supplying and installing of CO2.....Kgs capacity Fire Extinguishers for multipurpose (Servers, Panels, Computers, etc.,) c) 4-5 Kgs directions of the Engineer-In-charge of the work directions of the Engineer-In-charge of the work	Each
357	Supplying of Four Bucket stand along with Buckets directions of the Engineer-In-charge of the work	Each
358	Supplying of Hand Gloves directions of the Engineer-In-charge of the work	pair
359	Supplying and installation of RUBBER MAT 1mt x 2mt-100mm thick directions of the Engineer-In-charge of the work	Each
360	D.G.Set and its accessories Supplying, erection, testing and commissioning of .....KVA Diesel Generating Set on existing CC platform Comprising of Diesel Engine Developing ..... BHP @ 1500 RPM confirming to BS 5514.The engine should be turbocharged, Air/water cooled with 10 % over load for 1hour in every 12 hours of operation coupled to suitable capacity alternator rated at 415V, 0.8 PF(lag) 50 Hz, 3 phase, 4 wire system, confirming to BS 5000/IS 4722. The alternator shall be of brushless type ,Screen protected, revolving field, Mounted on suitable Channel Iron Base Frame, Complete with suitable capacity Fuel Tank, required nos. of Batteries of 12/24V as per requirement, Acoustic enclosure as per CPCB Approved Norms. 13.1.1 62.5kva/50kw	Each

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		100.00	0.00	0.00	0.00	
	0.00		750.00	0.00	0.00	0.00	
	0.00		600.00	0.00	0.00	0.00	
	0.00		750.00	0.00	0.00	0.00	
	0.00		300.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		1000.00	0.00	0.00	0.00	
	0.00		2000.00	0.00	0.00	0.00	
	0.00		2600.00	0.00	0.00	0.00	
	0.00		5000.00	0.00	0.00	0.00	
	0.00		2500.00	0.00	0.00	0.00	
	0.00		2500.00	0.00	0.00	0.00	
	0.00		2000.00	0.00	0.00	0.00	
	0.00		800000.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
361	Supply, Erection, testing and commissioning of AMF panel suitable for .....KVA DG set. The panel is of cubical type base/floor mounting control panel with hinged doors, undrilled bottom gland plate, aluminum Bus Bar with the accommodation for .....amps 4 pole contactor for alternator with thermal O/L relay,..... Amps 4 pole contactor for mains, HRC fuse for short circuit protection, Microprocessor based AMF module with supply failure timer, Restoration timer, 3 impulse automatic engine start/stop logic, Mains/generator voltage, ...capacity bypass switch and frequency sensing, PCC 1301 controller with water temperature/Lube oil pressure/ engine speed, Voltage/ampere/Frequency/ KVA, Running-hour count, No of starts, Fault indication, over /under speed, Fails to start, Low oil pleasure, High engine temperature, Under/over voltage, over current, Earth fault relay, with indications for Mains on, Load on Mains, Battery charger on Push buttons AMf module by pass Mode, Battery charger unit with inbuilt Auto/Manual and Flat/Boost facility. 13.2.2) 62.5 KVA-125kva	Each
362	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 7.4.10) 3.5 core 120 sqmm	mtr
363	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 7.8.8) 95 sqmm to 150Sqmm	mtr
364	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) 7.9.2) In soil (hard)	mtr
365	Supply and installation of Acoustic insulation using 50mm thick with 24Kg Density glass wool with 24G aluminum perforated sheet complete.	Sqm
366	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.65mm	mtr
367	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 50mm	mtr
368	B. EARTHING SYSTEM Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.	Each
369	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required. 25x3mm Copper strip	Mtr
370	Supplying and running of Copper strips for grounding connections, using necessary fixing materials as required.25x6mm Copper strip	Mtr
371	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required. 25x3mm GI strip	Mtr
372	Supplying and running of GI strips for grounding connections, using necessary fixing materials as required.40x6mm GI strip	Mtr
373	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. GI Wire 8 SWG	Mtr
E-1	KSRRB 2100-5. Excavation in marshy soil upto 3m depth for foundations of structures as per drawing and technical specifications including removing the excavated stuff to a lead of 15m., including dewatering , shoring and shuttering, refilling trenches in 250mm layers, wherever necessary watering and ramming, including cost of all materials, labour complete as per specifications. MORTH Chapter 12, I.No.27.1 1, P .No.210	Cum

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
	0.00		200000.00	0.00	0.00	0.00	
	0.00		850.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		100.00	0.00	0.00	0.00	
	0.00		1000.00	0.00	0.00	0.00	
	0.00		350.00	0.00	0.00	0.00	
	0.00		550.00	0.00	0.00	0.00	
	0.00		8000.00	0.00	0.00	0.00	
	0.00		350.00	0.00	0.00	0.00	
	0.00		1250.00	0.00	0.00	0.00	
	0.00		150.00	0.00	0.00	0.00	
	0.00		150.00	0.00	0.00	0.00	
	0.00		70.00	0.00	0.00	0.00	
3184.40	1926244.00		604.90	0.00	3184.40	1926244.00	

Sl No	Item Name	Unit
E-2	Providing ,Supplying of Casuarina poles and applying with Bitumen coating upto a depth of 1.5m. For Stabilising of foundation.The Casuarina poles of 1.5m depth @ 0.5m center to center is placed and Hammered firmly in the soil as shown in the drawing .This includes cost of Casuarina poles,labour charges,Transporting charges(loading and unloading),complete as per specification and Engineer in charge of site.(Considering the area for 3mx3m =9sqm.)	Sqm
E-3	Extra for use of water proofing compound in Cement concrete of mix 1:1:2,at one kg of compound per bag of cement. Specification No. KBS I.No.4.24, P.No.14	Cum
E-4	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification No. 305 I.No.19.60, I.NO.147	Cum
E-5	Driving cast-in-place vertical R.C.C. 600mm dia. piles with OPC cement design mix M30 @ 360kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.46cum, with superplastisiser @3lts confirming to IS91 03-1 999 Reaffirmed-2008 excluding reinforcement as per drawings including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH I Chapter 12	Sqm
E-6	Driving cast-in-place vertical R.C.C. 500mm dia. piles with OPC cement design mix M30 @ 360kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.46cum, with superplastisiser @3lts confirming to IS91 03-1 999 Reaffirmed-2008 excluding reinforcement as per drawings including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH I Chapter 12	Sqm
		Total

Previous Measurements		Present Measurements			Total Upto date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
1668.00	1059180.00		635.00	0.00	1668.00	1059180.00	
994.28	281917.00		283.54	0.00	994.28	281917.00	
10812.40	3462563.00		320.24	0.00	10812.40	3462563.00	
	0.00	1024.00	11814.14	12097679.00	1024.00	12097679.00	
	0.00	384.00	9845.11	3780522.00	384.00	3780522.00	
	27548716.00			29031735.00		56580451.00	

28967889/-

56516605/-

Certificate

1. Certified that the work done by the above agency is satisfactory.

N. elakshi.

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Rs. Two crore eighty nine lakhs sixty seven thousand eight hundred & eighty nine Only.